

Converting Colors

HunterLab(15.5251, 13.9816,
-13.4275)

Have a look what the booklet for
HunterLab(15.5251, 13.9816,
-13.4275) contains.

HunterLab(15.4549, 14.0532, -13.7509)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.4549, 14.0532,
-13.7509)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1E48
RGB	61, 30, 72
RGB Percent	24%, 12%, 28%
CMY	0.7608, 0.8823, 0.7176
CMYK	0.15, 0.58, 0.00, 0.72
HSL	284°, 41%, 20%
HSV	284°, 58%, 28%
XYZ	3.5585, 2.3885, 6.4044
YIQ	44.0570, 4.9940, 19.6340

Conversions

Conversions Part 2

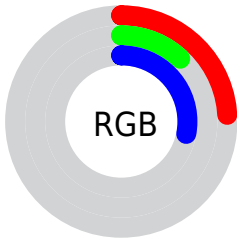
Format	Color
R_{YB}	61, 30, 72
Decimal	4005448
CIE _{Lab}	17.41, 23.27, -20.18
CIE _{LCh}	17, 30.804, 319.068
Yxy	2.3886, 0.2881, 0.1934
Android (android.graphics.Color)	4282195528 (0xFF3D1E48)
YUV	44.0570, 13.7759, 14.8590
Hunter-Lab	15.4549, 14.0532, -13.7509

Details

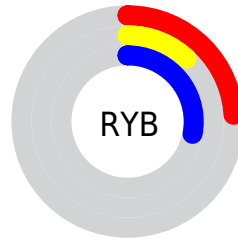
The HunterLab color **15.4549, 14.0532, -13.7509** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.8034, -12.7730, 10.6338**, and the grayscale version is **15.8445, -0.8454, 0.8609**.

A 20% lighter version of the original color is **31.1891, 16.3727, -14.8819**, and **4.1159, 9.0855, -13.1303** is the 20% darker color. If you saturate the color by 10%, you get **14.1639, 16.5828, -16.6461**, and if you desaturate by 10%, it is **16.9016, 11.4020, -10.8928**.

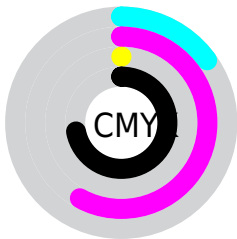
Distribution



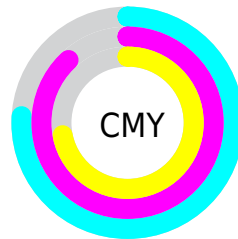
- Red (24%)
- Green (12%)
- Blue (28%)



- Red (24%)
- Yellow (12%)
- Blue (28%)



- Cyan (15%)
- Magenta (58%)
- Yellow (0%)
- Black (72%)



- Cyan (76%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4549, 14.0532, -13.7509 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 15.4549, 14.0532, -13.7509 by changing the saturation by 10% instead.

■ 15.4549, 14.0532,
-13.7509

■ 15.4549, 14.0532,
-13.7509

■ 109.7297, 19.6580,
-16.1567

■ 9.0556, 12.8441,
-13.4327

■ 31.2402, 16.0853,
-14.6787

0.0000, INF, -NF

0.0000, NaN, NaN

■ 40.4131, 16.8897,
-15.0804

0.0000, NaN, NaN

■ 50.3410, 17.5763,
-15.4170

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9704, 18.1596,
-15.6872

0.0000, NaN, NaN

■ 72.2577, 18.6509,
-15.8931

0.0000, NaN, NaN

■ 84.1666, 19.0595,

0.0000, NaN, NaN

-16.0378

96.6662, 19.3931,
-16.1246

15.4549, 14.0532,
-13.7509

15.4549, 14.0532,
-13.7509

14.1639, 16.5828,
-16.6461

16.9016, 11.4020,
-10.8928

13.0514, 18.8687,
-19.4792

18.4807, 8.7116,
-8.1291

12.1336, 20.7721,
-22.1182

20.1735, 6.0297,
-5.4825

11.2398, 22.8148,
-25.0155

21.9637, 3.3811,
-2.9571

11.0845, 23.2035,
-25.5574

23.8383, 0.7764,
-0.5461

■ 25.7864, -1.7821,
1.7615

■ 27.7994, -4.2964,
3.9786

■ 29.8700, -6.7709,
6.1177

■ 31.9924, -9.2105,
8.1902

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.4552, 5.0650, -23.2239



15.4549, 14.0532, -13.7509



15.4552, 19.4101, -2.5129

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.4552, 14.0528, -13.7504



15.4552, 2.4971, 10.8187



15.4552, -13.7310, -5.3550

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.4549, 14.0532, -13.7509



22.8034, -12.7730, 10.6338

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.4552, -14.1204, 3.5796



15.4549, 14.0532, -13.7509



15.4552, -5.9476, 10.5776

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.4552, 14.0528, -13.7504



15.4552, 11.8168, 9.0107



15.4552, -11.5946, 8.1820



15.4552, -10.3774, -16.7965

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.4549, 14.0532, -13.7509



15.4552, 19.5494, 3.1574



15.4552, -11.5946, 8.1820



15.4552, -14.1797, -1.9002

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.4552, 14.0528, -13.7504



29.1352, 4.2362, -3.6907



15.3093, 2.4169, -14.2681



14.9374, 2.3392, -2.0481



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.4552, 14.0528, -13.7504



17.9986, 23.2815, -23.6576



16.2984, 15.4157, -6.3713



12.3240, 0.4352, -0.3130



15.3029, 32.1498, -36.1809



37.1681, 78.5652, -91.5909

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.7050, 12.7182, 1.9799



18.5403, 21.0838, 3.6586



22.5004, -13.7317, 8.3810



12.3284, 0.3254, 0.6598



16.5917, 28.8646, 7.2272



40.7959, 70.6495, 20.2749

Previews

White Background



This preview shows how the HunterLab color 15.4549, 14.0532, -13.7509 looks on a white background.

Color Contrast Check

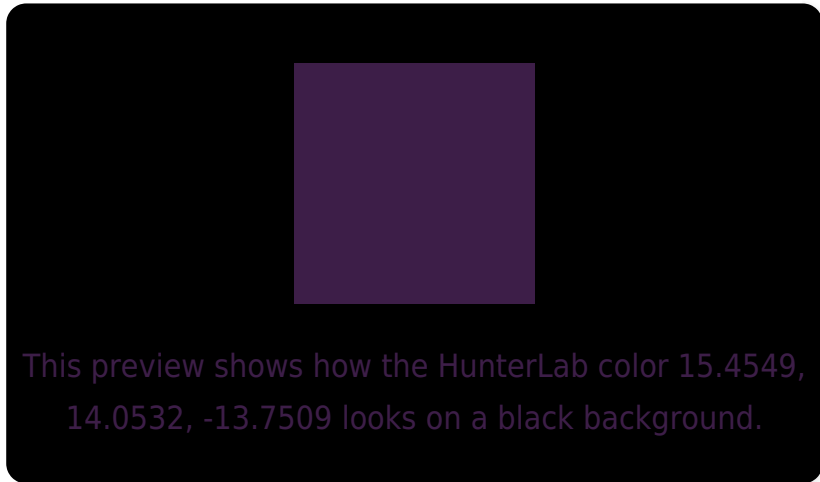
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

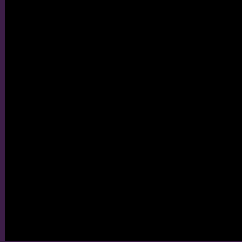
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.4549, 14.0532, -13.7509 Background



This preview shows how black text looks on a background with the HunterLab color 15.4549, 14.0532, -13.7509.



This preview shows how white text looks on a background with the HunterLab color 15.4549, 14.0532, -13.7509.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.4549, 14.0532, -13.7509

Protanopia

15.6028, 3.5467, -22.1957

Deuteranopia

15.7414, 0.2770, -11.5017



Tritanopia

15.5441, 4.7300, 1.6592

Trichromacy



Original Color

15.4549, 14.0532, -13.7509

Protanomaly

15.1839, 6.3538, -20.1677

Deuteranomaly

15.3113, 4.7530, -12.9196

Tritanomaly

15.3282, 7.7128, -2.9863

Monochromacy



Original Color

15.4549, 14.0532, -13.7509

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.4774, 4.1316, -3.7600

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4549, 14.0532, -13.7509 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(61, 30, 72)` looks like.

```
.text, #text, p{  
    color:rgb(61, 30, 72)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(61, 30, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 30, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4549, 14.0532, -13.7509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 30, 72) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(61, 30, 72) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(61, 30, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 30, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 30, 72);  
box-shadow:4px 4px 4px 4px rgb(61, 30, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4549, 14.0532, -13.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 30, 72) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(61, 30,  
72) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor